

### 5TH CATEGORY - HISTORIC RACING

### GROUP No

### APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

Make of Car:

Triumph

Model::

Mark 2 2.5 PI

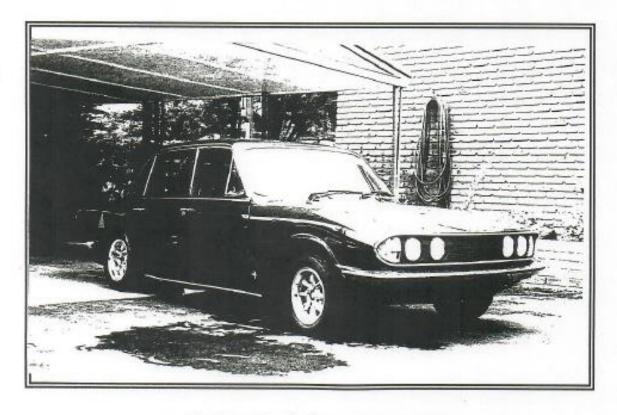
Period of Original Manufacture:

1970-- 1974

CAMS Historic Group:

No

Date of Issue of this Document: 22nd March 2002



## SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description:

Unitary Construction

Period of Manufacture:

1970 -- 1974

Manufacturer:

Triumph / AMI

Chassis no. from:

Chassis no. location:

Engine Bay Steel

Material: Comments:

1.2 FRONT SUSPENSION

Description:

Independent - McPherson Struts

Spring medium:

Coil

Damper Type: Anti-sway bar: Telescopic - Internal

Adjustable: No Adjustable: Optional

Suspension adjustable:

Fitted No

Method:

Comments:

Spring Rates and Ride Height Free .Refer Group Nc regulations for permitted

modifications.

1.3 REAR SUSPENSION

Description:

Independent - Trailing Arms

Spring medium:

Coil

Damper type:

Telescopic

Adjustable: Optional

Anti-sway bar:

Not Fitted

Adjustable:

Suspension adjustable:

Method:

Comments:

Spring Rates and Ride Height Free. Refer Group Nc regulations for permitted

modifications

1.4 STEERING

Type

Rack & Pinion

Make:

Triumph

1.5 BRAKES

Comments:

Type:

Front

Rear

Dimensions:

Disc 248 mm Cast Iron

Drum 228 x 44 mm Cast Iron

Material of drum/disc No. cylinders/pots per wheel: Actuation:

Hydraulic

Hydraulic

Caliper: Make, Material, Type:

Girlock - Cast Iron

Master cylinder make:

Tandem

Type

Adjustable bias:

Girlock

Servo Fitted:

No Yes

Comments:

Dual Master Cylinders permitted. Servo may be rendered inoperative. Refer

Group Nc regulations for permitted modifications.

## SECTION 2 - ENGINE

2.1 ENGINE

Make: Model: Triumph

2500

No. cylinders:

6

Configuration In Line

Cast Iron

Cylinder material:

Bore - Original:

Block-

74.7mm

Max. allowed: Max. allowed:

Four Stroke

76.2mm 95mm

Stroke - original: Capacity

95mm 2498cc

Max. allowed:

2598cc

original:

Cooling method:

Water

Identifying marks:

Comments:

Refer Group Nc regulations for permitted modifications

2.2 CYLINDER HEAD

Make:

Triumph

No. of valves/cylinder-No. of ports total:

Inlet: Inlet: 6

Exhaust: Exhaust:

1 6

No. of camshafts:

12 1 Location:

Block Pushrod

Drive: Chain

Valve actuation:

Spark plugs/cylinder: Identifying marks:

Comments:

Refer Group Nc regulations for permitted modifications.

2.3 LUBRICATION

Method:

Wet Sump

1

Oil tank location:

Dry sump pump type:

Oil cooler standard:

No

Location: Location:

Comments:

Oil Cooler Permitted. Refer Group Nc regulations for permitted

modifications

2.4 IGNITION SYSTEM

Type:

Coil & Distributor

Make:

Lucas

Comments:

Refer Group Nc regulations for permitted modifications

2.5 FUEL SYSTEM

Carburettor: Make:

Supercharged:

Model:

Mechanical

Fuel injection Make:

Lucas

Type:

Type

Comments

## SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make:

Various

Type: Diaphragm

Diameter:

Various

No. of Plates:

Actuation:

Hydraulic

Comments: Clutch & method of actuation are free

3.2 TRANSMISSION

Type:

Triumph 4 Speed Synchromesh

Make:

Triumph

No. forward

4 (Overdrive Optional)

Gearbox location:

Behind Engine

speeds:

Gearchange type and location: Central - Remote

Identifying marks:

Case material: Comments:

Cast Iron

Ratios Free, Refer Group Nc regulations for permitted modifications

3.3 FINAL DRIVE

Make:

Triumph

Model:

Wheel drive method:

Rear

Ratios:

Various

Differential:

Free

Comments:

Ratios Free . Limited Slip Differential permitted. Refer Group Nc regulations

Type: Hypoid Bevel

for permitted modifications.

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number:

3 Location: Tailshaft and Driveshafts

Description: Individual Driveshafts and Tubular Tailshaft

Comments:

3.5 WHEELS & TYRES

Wheel type - Original:

Pressed Steel

Material - Original: Steel

Allowed:

Steel or Period Alloy

Allowed:

Steel or Alloy

Fixture method:

FRONT

No. studs: 4

REAR

Wheel dia. & rim width -

5 x 13

5 x 13

Original:

7 x 13

7 x 13

Tyre Section -

Allowed:

Original: Allowed:

175 x 13

175 x 13

Aspect ratio - minimum:

60% Min.

60% Min.

Comments: Refer Group Nc regulations for permitted modifications.

# **SECTION 4 - GENERAL**

4.1 FUEL SYSTEM

Tank Location:

Rear Electric Capacity:

64 Litres

Fuel pump, type and location: Comments:

Fuel Pump is Free

Make:

Lucas

4.2 ELECTRICAL SYSTEM

Voltage:

**Engine Bay** 

Generator/Alternator fitted:

Alternator

**Battery Location:** 

Comments:

4.3 BODYWORK

Type:

Four Door Sedan

Material:

Steel

No. of seats:

4/5

No. doors:

Comments:

4.4 DIMENSIONS

Track - Front:

1330mm

Wheelbase:

2690mm

Dry weight:

1200kg

Comments:

Rear:

1340mm

Overall length:

4650mm

4.5 SAFETY EQUIPMENT: Refer applicable Group Regulations